

MATERIAL SAFETY DATA SHEET
OSHA Hazard Communication Standard
29 CFR 1910.1200

Section I

Product Name: PINE ODOR DISINFECTANT	Formulated by: Taylor Laboratories, Inc.
Product Code: DI-1330	Address: P.O. Box 15146, Chattanooga, TN 37415
Chemical Family: Quaternary Disinfectant/Sanitizer	Business Phone: 423-267-5601
Chemical Formula: Mixture	Emergency Phone: 423-267-5601
MSDS Revision Date: 04/22/96	Distributed By: NORTH GEORGIA PAPER
	Address: PO BOX 1507, BLUE RIDGE, GA 30513
	Business Phone: (706) 632-2055
	Emergency Phone: (706) 632-2055

Department of Transportation Federal Motor Carrier Hazardous Material Shipping Regulations

Proper Shipping Name: Not regulated	Hazard Classification: Not regulated
Identification Number: Not regulated	For Transportation Emergencies, Call: Chemtrec 1-800-424-9300

Section II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	COMMENTS
Alkyl dimethyl Benzyl Ammonium Chloride	68391-01-5	N.E.	N.E.	Eye irritation hazard
Non-ionic surfactants	N/A	N.E.	N.E.	Eye irritation hazard
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	Eye and skin irritation hazard
Organic Terpenes	N/A	N.E.	N.E.	Eye irritation hazard

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals appearing in 40 CFR 372 (Section 313). Section 313 information must be included in all MSDS's that are copied and distributed to end-users. For help and additional information concerning Title III call the EPA Hotline at 1-800-535-0202.

Section 313 Component	Percent Range	Section 313 Component	Percent Range
None			

Section III - Physical/Chemical Characteristics

Boiling Point: 212 degrees F	Vapor Pressure (mm Hg): N/A	Summary of Hazard Rating (HMIS)		
Freezing Point: N/A	Vapor Density: N/A	Hazard	Rating	Key
pH (1%): 6.30	Evaporation Rate: N/A	Health:	1	0-Minimal 3-High
Solubility in Water: Excellent	Specific Gravity (H2O=1): 0.986	Fire and explosion:	0	1-Slight 4-Extreme
		Reactivity:	0	2-Moderate

Appearance and Odor: A clear, light brown liquid with a pine odor.

Section IV - Fire and Explosion Data

Flash Point (method): Not combustible	Flammable Limits in Air, % by Vol.	LEL N/A	UEL N/A
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Extinguishing Media: Use appropriate media for surrounding structures and containers. Use water spray to cool containers if possible.

Special Fire Fighting Procedures: As with all chemical fires, a wear self-contained breathing apparatus when in confined areas or where smoke or fumes can drift or accumulate.

Unusual Fire and Explosion Hazard: N/A

Section V - Reactivity Data

Stability (unstable/stable): Stable	Hazardous Polymerization: Will not occur
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Stability Conditions to Avoid: Avoid high temperatures and freezing temperatures. Store in a cool, dry area.

Incompatibility (Materials to Avoid): Avoid strong acids.

Hazardous Decomposition or By-products: Oxides of nitrogen and carbon may be evolved under extreme conditions.

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Section VI - Health Hazard Data		
Threshold Limit Value: Not established		
Route(s) of Entry:	Inhalation? Yes	Skin? No Ingestion? Yes
Health Hazards-Acute: EYES-May cause moderate to severe irritation. SKIN-May cause irritation due to defatting of skin. INGESTION-May cause irritation to mouth, throat, mucous membranes, digestive system; may cause nausea, vomiting, diarrhea. INHALATION-May irritate mucous membranes, respiratory system; may cause nausea or dizziness.		
Health Hazards-Chronic: N/A		
Carcinogenicity: Not carcinogenic	OSHA Regulated? Not carcinogenic	NTP? Not carcinogenic
Effects of Overexposure: Possible irritation to eyes, skin, mucous membranes, mouth, throat, digestive and respiratory systems. Ingestion may cause nausea, diarrhea, vomiting, gastrointestinal discomfort. Inhalation may cause nausea or dizziness. Inhalation of material into lungs may cause fatal chemical pneumonia.		
Emergency and First Aid Procedures		
Ingestion (swallowing): Contact a physician or poison control center IMMEDIATELY. Drink 1 to 2 glasses of water or milk to dilute. DO NOT INDUCE VOMITING!! Seek IMMEDIATE medical attention.		
Skin Contact: Flush exposed area with large amounts of running water. Seek medical attention if irritation persists or develops.		
Eye Contact: IMMEDIATELY flush eyes with running water. Continue for at least 15 minutes being careful to flush the areas under the eyelids. Seek IMMEDIATE medical attention.		
Inhalation: Move victim to fresh air. Seek medical attention if irritation develops or breathing difficulties develop.		
Section VII - Spill or Leak Procedures		
Steps To Be Taken In Case Material Is Released or Spilled: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.		
Waste Disposal Method: Comply with all local, state, and federal regulations to ensure proper and responsible disposal of this product.		
Section VIII - Special Protection Information		
Respiratory Protection (specify type): If vapor or mist becomes concentrated and cannot be controlled by ventilation, wear a NIOSH-approved respirator with organic cartridge. Use caution if material contacts hot surfaces; this increases volatility.		
Ventilation: Maintain adequate ventilation to control vapor and mist concentrations.		
Local Exhaust: Provide local exhaust if needed to prevent the spreading of vapor into other areas.		
Protective gloves: Vinyl or rubber gloves should be worn to minimize exposure.		
Eye Protection: Wear approved safety glasses with side shield to prevent eye contact.		
Other Protective Equipment: N/A		
Section IX - Special Precautions		
Precautions To Be Taken in Handling and Storage: Store in a cool, dry area. Wash hands thoroughly after handling. Launder contaminated clothing thoroughly before reuse. Keep container tightly closed when not in use.		
Other precautions: Keep out of reach of children.		
Section X - User Responsibility		
The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.		